

19971022.ba v01\_n738.bam.971022

>From ???@??? Thu Oct 23 02:00:55 1997  
Message-Id: <199710222131.QAA02674@sco.theporch.com>  
Date: Wed, 22 Oct 1997 16:31:44 CDT  
Subject: BOATANCHORS digest 1738

BOATANCHORS Digest 1738

Topics covered in this issue include:

- 1) WRR-2  
by Edward Zeranski <ejz@nosc.mil>
- 2) 12 Steps of R390  
by KA9EGW@aol.com
- 3) Power Supply - Free to a Strong Back  
by Dick Dillman <ddillman@igc.apc.org>
- 4) Re receivers Needing Homes  
by ARONGV@aol.com
- 5) Re: I'm Just In It For The Knobs  
by Ho4bart@aol.com
- 6) Ceaslessly seeking Centimegs, such  
by MNHopkins <MNHopkins@aol.com>
- 7) "Can't give it away..."  
by MNHopkins@aol.com
- 8) Knobs and neuroses  
by MNHopkins@aol.com
- 9) WTD: Morris coil winder manual  
by Kd6b@aol.com
- 10) DA-396 Dummy Load  
by kazott@juno.com (ott kazott)
- 11) Re: R-1051B Converter Identification  
by "P. J. Rovero" <provero@connix.com>
- 12) FS: SSB Receiving Adapter  
by Stanley Wilson <microres@crl.com>
- 13) RE:BA places in Denver  
by Jack Harper <jharper@bs2000.com>
- 14) AK0B Please send e-mail add.  
by RSOLOMON@systems.TEXTRON.COM
- 15) RE: Best all around BA SSB Rcvr/Xmtr, Kevin Gallagher where are you?  
by w2ec@vnet.IBM.COM
- 16) ADMINISTRIVIA: Over Quoting  
by listown@jackatak.theporch.com (Mail List Owner)
- 17) Re: Anyone around for 3579 tonite?  
by Sandy W5TVW <ebjr@worldnet.att.net>
- 18) RAO Manuals  
by rlahlum@juno.com (Ross J Lahlum)
- 19) FS: Radio Handbooks (West Coast Version)

by RSOLOMON@systems.TEXTRON.COM  
20) Amperex/Eimac 4-250 differences ?  
by "Grump's Guide Press" <rau@wco.com>  
21) Command set racks  
by BEN NOCK <G4BXD@compuserve.com>  
22) Re: BA Calenders & Movie sightings  
by Dexter Francis <cwest@xmission.com>  
23) Drake R4B question -- R390A connectors  
by John Russo <jprusso@acsu.buffalo.edu>  
24) MS Connector Source  
by RSOLOMON@systems.TEXTRON.COM  
25) RE: Amperex/Eimac 4-250 differences ?  
by Ed Sieb <esieb@gmsiworld.com>  
26) RE: Amperex/Eimac 4-250 differences ?: Ooops...  
by Ed Sieb <esieb@gmsiworld.com>  
27) FS: National SW-54  
by Sandy W5TVW <ebjr@worldnet.att.net>  
28) Re: Comdel Processor Info  
by "David L. Thompson" <thompson@mindspring.com>  
29) Re: Amperex/Eimac 4-250 differences ?  
by Sandy W5TVW <ebjr@worldnet.att.net>  
30) National HRO-M resurrection part 5 (a sad tale)  
by "Lawrence R. Ware" <lrware@pipeline.com>

-----  
Date: Tue, 21 Oct 1997 20:23:03 -0700  
From: Edward Zeranski <ejz@nosc.mil>  
To: boatanchors@theporch.com  
Subject: WRR-2  
Message-ID: <3.0.1.32.19971021202303.006c58bc@marlin.nosc.mil>

Folks!

Just a request for info kinda post. I remember the WRR-2 receivers mentioned in recent posts to BA having seen them but they were not part of our normal operation. TCS....sure, TED/RED, VRC-46, R390&A , SRT 14/15,WRT-1/2 GRC-27, 106, URC9-SRC20/21 etc. Were the behemoth Nationals part of a trial for radio RX stability on the cusp of technology?? We passed from R390As to R1051s in order to deal with frequency/clock accuracy necessary for freq div multiplexing. Not having been involved with the WRRs I'd like to hear from folks who were. That radio was not made for a long time so may be a representation of 'brink technology' that will be lost.

-----  
Date: Tue, 21 Oct 1997 23:27:50 -0400 (EDT)

From: KA9EGW@aol.com  
To: boatanchors@theporch.com, kschreiter@aksys.com  
Subject: 12 Steps of R390  
Message-ID: <971021232649\_714489325@emout04.mail.aol.com>

1. We admitted that we were powerless over R390A's and that our lives had become unmanagable.
- 2) Came to believe that a Power greater than ourselves could restore us to sanity.
- 3) Made a decision to turn our will and out lives over to the care of The Old Man as we understood Him.
- 4) Made a searching and fearless inventory of our shack.
- 5) Admitted to The Old Man, to ourselves, and to another licensed amateur the exact nature of our shack's deficincies.
- 6) Were entirely ready to have UPS deliver the cures for all these defects of our shack's character.
- 7) Humbly asked our spouse for the wherewithal to resolve these shortcomings.
- 8) Made a list of all boatanchors we had passed by at the hamfest and became willing to make amends for them all.
- 9) Made direct amends wherever possible, except when to do so would compromise another boatanchor.
- 10) Continued to take personal inventory and when we were wrong, promptly admitted it.
- 11) Sought through QRM, QSB and QRN to maintain our conscious contact with The Old Man, asking only for knowledge of his will for the future of Amateur Radio and the willingness to carry it out.
- 12) Having had a spiritual awakening as the result of these steps, we became willing to carry the message to appliance operators and to practice these principles in all our affairs.

..... --... --... --... --... --... --... --... --... --...  
--... --...

-----

Date: Tue, 21 Oct 1997 20:59:45 -0700 (PDT)  
From: Dick Dillman <ddillman@igc.apc.org>  
To: boatanchors@theporch.com  
Subject: Power Supply - Free to a Strong Back  
Message-ID: <2.2.16.19971021205640.473f4308@pop.igc.org>

A member of the list was kind enough to find me a power supply it seemed would power my Kleinschmidt Morse perforator. When I lifted it it seemed it was hefty enough for arc welding! But alas, an examination of the schematic revealed that the SS rectifiers were external to the main power supply, connected via a large 4 pin Jones plug (the same format as on the Drake TR-7).

What we got here is one each PP-748/UM-1 "USAF COMSEC EQUIPMENT" power supply component consisting of one humongous, multi-tap transformer, a filter choke of only slightly smaller dimensions and a couple of filter condensers all in a fairly small black crackle finished cabinet about half the size of a HRO-5. Operating condition is unknown but there's really not much there and there's none of that burned transformer smell.

I would love to trade this for a power supply that will give me the 120VDC @ 2A that I need but failing that I will donate it to the first person who is willing to come by and get it. Sorry folks but no shipping on this one. It took both Sprout and me to get it upstairs!

Interested parties with strong backs may contact me directly via email.

Regards,

Dick

Dick Dillman  
<ddillman@igc.apc.org>  
WPE2VT W6AWO  
Collector Of Heavy Metal:  
Harleys, Willys and Radios Over 100lbs.

-----  
Date: Wed, 22 Oct 1997 01:58:42 -0400 (EDT)  
From: ARONGV@aol.com  
To: boatanchors@theporch.com  
Subject: Re receivers Needing Homes  
Message-ID: <971022015456\_491412618@mrin41.mail.aol.com>

To All Boatanchors:

To say that I can't believe it, would make me the crown prince of understatement.

The only receiver I listed as free for pickup to leave my QTh was a parts RME 45 receiver. Not one of the guys who said they wanted these receivers has firmed up arrangements to stop by and get any of it. The one RME that did leave was due to my pleading with a local ham to take it.

I apologize to those who responded but didn't get through, as I assumed the "I want it" guys were sincere. My log deletes everything older than 48 hours, so I don't have a way back to any of you.

I've decided to give all of it to two local guys who didn't even respond, but guys who will come by and pick it up and make sure that somewhere, somehow, in time they will find their way to a second shot at life. I guess that was the whole idea anyway.

When I said I was retiring and that I desperately needed to find homes for my rigs, I was sincere. No prices. No profit. I guess some days you can't give anything away.

Ron Merrell, W00IZ, Kansas City

-----  
Date: Wed, 22 Oct 1997 02:37:44 -0400 (EDT)  
From: Ho4bart@aol.com  
To: rhys@ix.netcom.com, boatanchors@theporch.com  
Subject: Re: I'm Just In It For The Knobs  
Message-ID: <971022022856\_2001592218@mrin44.mail.aol.com>

In a message dated 97-10-21 11:00:36 EDT,  
hys@ix.netcom.com writes:

> It must be quite a story.

you should be the one to write it. how about an illustrated price guide, isn't it time? or as a second job, ala "The \$\$Knob\$\$ Finder".

but semiseriously, i understand what you're talking about. the Knob is the tactile interface between the human and the apparatus, and besides the purely utilitarian, also provides some emblem of style for the apparatus. the success in either department varies. we've all seen radios ( mostly home style ) with dinky little knobs to tune shortwave, and also at another extreme, the metal knobs with really unique styling ( probably unique to this one particular apparatus), for example on a military countermeasures-equipment test set. the knobs on the military "clandestine set" PRC-5 come to mind as an example of the former. they look like from some cheesy late 1930s table radio, but i have never seen a loose one to match in any junkbox anywhere. and the main tuning knob, it is a massive 3/8 dia., so with the nonbandspread tuning, tuning around is not fun. why make things easy for the 'clandestine agent', it's not supposed to be a fun job.

how about 'spinner knobs' with a 'dimple' instead of a little handle ( or at the high end, a foldout crank) ??? isn't this a really crappy idea?  
hue

-----

Date: Wed, 22 Oct 1997 02:42:46 EDT  
From: MNHopkins <MNHopkins@aol.com>  
To: Boatanchors@theporch.com  
Cc: kbritain@johnstontech.com, kevin.reeves@juno.com  
Subject: Ceaslessly seeking Centimegs, such  
Message-ID: <9e154e12.344da03e@aol.com>

My near incredulity that WA5VJB could hear a 0.5uV signal thru an BA Centimeg 432 to 11M converter is salved now that someone turned up the QST review of the beast (Oct. 1958 p 44). The three "electrolytics" on the chassis I thought little of are in fact silver plated cavity resonators.

If my ignorance of things above 50 mc persists, so does my grudging humility at the task of assembling a truly exhaustive listing of VHF converters of the vacuum tube age. Just discovered is a "Marshall Model 1A" (QST Dec., 1954 p. 116 with reference to CQ, Dec. 1953 p 32) which sports a pair of 6J6s. Such a rig would not hear the intermod on today's 2M band, but it takes its place with 30+ others and makes me again want to delay the 2d attempt at this scholarship.

So If you have a favorite v. tube VHF converter to nominate, even by vague recollection, let me know as below. I have the Little Gem listed, and a treasure trove of Tapetones and Tecrafts, but there is always, it seems, room for more.

In other areas the 6M AM Transceiver List has not been trumped since its last appearance and is still available by e-mail, and the 6M TX undertaking grew by two three this week, but is still not vaporware, even if I have to pass it out at Dayton.

de ab5l, michael in dallas, student of Tecraft and International Crystal (ICM) ham products and mementoes of Six Meter's Golden Age: 1957-58. (I also do Tunaverter sand staters but cannot say that here) MNHopkins@AOL.com

-----  
Date: Wed, 22 Oct 1997 05:48:34 -0400 (EDT)  
From: MNHopkins@aol.com  
To: Boatanchors@theporch.com  
Subject: "Can't give it away..."  
Message-ID: <971022054833\_1701378352@mrin42.mail.aol.com>

I can share some of Ron's anguish at not being able to place orphan RXs promptly. Much of this is indeed hard to place. I have sat on an item for months 'till it could go to Dayton to catch a ride to California -- but it is worth it.

My scholarship, if it be so, in the Tecraft and International Crystal lines depends almost entirely on the bad judgment of fellow hams in the cost/benefit area. Half the Tecraft reference collection came to me "for a good home" and the rest for trivial trades not justifying the postage attendant. Just a few of us are trying to make a living at this, and Jack is likely to boot them from the symposium anyway. We all have day jobs, or used to, but we are more than wage slaves. We don't usually think of ourselves as such, and surely don't look like it at hamfests, but we are scholars in the truest sense -- lifelong students, and it is worth it to take the extra trouble to help folks along.

Sometime next week I will receive an Ameco CLB converter, one of the 12V on the plate models, without a crystal. I will grid dip it and see if it is CB or 6M. Then I will put some sort of xtal in it and send it back unless I am really stumped in which case I'll take it 12 miles to a guy with a spectrum analyzer, or 10 miles to a consummate bench technician. Our collective pay for all this? My field notes on a Ameco CLB, a line I do not study, but on that someone, someday will want to know about. It will be the high point of my week.

73 de ab5l, michael in dallas, student of Tecraft, International Crystal (ICM) and momentoes of Six Meter's Golden Age: 1957-58 MNHopkins@AOL.com

-----  
Date: Wed, 22 Oct 1997 05:51:48 -0400 (EDT)  
From: MNHopkins@aol.com  
To: rhys@ix.netcom.com  
Cc: Boatanchors@theporch.com, kbritain@johnstontech.com, kevin.reeves@juno.com  
Subject: Knobs and neuroses  
Message-ID: <971021203414\_-559416269@emout13.mail.aol.com>

N30JD well states that knobs are critical to the understanding of the old radio mystique, but I think the knobs are really just metaphoric references to the real thing we seek -- control. In Freudian terms, we are collectively anal retentive. That is why we seek ever more complex devices. Sure, they have more knobs, butt (Freudian typo?) the proliferation of controls is pleasing to us only in that it allows the illusion of control to be fed.

If I might just get a variable BFO injection arranged, I would loose those 40 extra pounds. A regenerative IF would help with the cigarettes and my wife and I might speak more nearly cordially with variable bandwidth tuning. As few as three knobs could change my life, but it matters not if they be three-striped Art Deco or grayish Heathkit, broken as usual. The implication of this fetish was seen early by our friends in the Orient. Look at a new mid range transceiver from the Rising Sun firm or any other: knobs, switches,

levers enough to taunt Rube Goldberg in Hell. They exploit us at an average of \$17.32 / control.

So Larry is right, but he is wrong too. The knobs have no special significance in themselves. They need not even match and you could outfit your SX-88 with a set of plastic push-ons. It does not matter at all. The next time you reach for an 8-point skirted Millen, keep thinking of your mental health. The real thing to worry about is what you are doing with the other hand.

de ab5l, michael in dallas, who leads a complex life. MNHopkins@AOL.com

-----  
Date: Wed, 22 Oct 1997 06:15:02 -0400 (EDT)  
From: Kd6b@aol.com  
To: boatanchors@theporch.com  
Subject: WTD: Morris coil winder manual  
Message-ID: <971021105750\_-1226253766@emout17.mail.aol.com>

Now that I have a Morris coil winder machine I need a manual or some kind of instructions on how to wind coils. Can anyone help?

Thanks,  
Ken Lakin  
P.O. Box 310  
Redmond, OR 97756

-----  
Date: Wed, 22 Oct 1997 07:58:17 EDT  
From: kazott@juno.com (ott kazott)  
To: boatanchors@theporch.com  
Subject: DA-396 Dummy Load  
Message-ID: <19971022.075822.8655.1.kazott@juno.com>

Hi Guys:

Just acquired an air cooled RF dummy load. It is about 24" long and 8 1/2" square. It mounts vertically. Kind of looks like a chimney. Has six 1" in dia. plug-in resistors that are almost as long as the case. Has a two connection barrier terminal strip that appears to run to a thermostat. Measures 50 ohms.

It has two tags.

First Tag:  
DUMMY LOAD ELECTRICAL



DA-396/TLQ-15

Second Tag:  
RF Termination  
Model: 10932  
Electro Impulse, Inc.

Anyone know what its from or just how much power it can dissipate?

tnx, Ott

-----  
Date: Wed, 22 Oct 1997 08:08:13 -0400 (EDT)  
From: "P. J. Rovero" <provero@connix.com>  
To: David M Sundheimer <w0nbz@juno.com>  
Cc: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: R-1051B Converter Identification  
Message-ID: <Pine.BSI.3.95.971022080641.4043A-100000@comet.connix.com>

I worked in U.S. Navy comms for a few years, scads of R-1051's, but have never seen the device you describe. Any serial numbers to give an indication of how many might be out there?

P. J. "Josh" Rovero	email: <a href="mailto:provero@connix.com">provero@connix.com</a>
Oceanographer	work: <a href="mailto:rovero@sonalysts.com">rovero@sonalysts.com</a>
Meteorologist	radio: KK1D
Curmudgeon at Large	web: <a href="http://www.connix.com/~provero/">http://www.connix.com/~provero/</a>

-----  
Date: Wed, 22 Oct 1997 05:15:18 -0700 (PDT)  
From: Stanley Wilson <microres@crl.com>  
To: [boatanchors@theporch.com](mailto:boatanchors@theporch.com)  
Subject: FS: SSB Receiving Adapter  
Message-ID: <Pine.SUN.3.91.971022051036.9523A-100000@crl5.crl.com>

B & W Model 370 Single Sideband Receiving Adapter For Sale.

Price: \$95 + \$10 shipping

Payment: US Postal Money Order

Just the thing for your SP-600 or R-390A. IF in - Audio Out. Unit is very clean. Gray case. Input presently tuned to 500 khz will have to be retuned for 455 khz for R-390A. Size about 8" x 11" x 14", 110 vac

powered. Built-in speaker and audio output stage.

e-mail me with any questions. Sorry do not have a manual for it.

Stan, AK0B

-----  
Date: Wed, 22 Oct 1997 06:56:46 -0600  
From: Jack Harper <jharper@bs2000.com>  
To: boatanchors@theporch.com  
Subject: RE:BA places in Denver  
Message-ID: <3.0.1.32.19971022065646.00777cb8@teal.csn.net>

At 15:29 10/21/97 PDT, you wrote:

>Greetings,  
> I left the Denver area in 1979 so the place may be a new  
>office building by now,but when I was in tech school there  
>was a place on Bannock Street down (south) past the TV station  
>(I think ch 5 or 7).  
<snip>

> I can't remember the name of the shop but it definately was dark and  
>mysterious and had that distinctive smell.  
>Happy hunting and good luck!  
<snip>

Fistell's Electronics!

Its a nice place -- no BA gear but two stories (actually three counting the basement) of ancient parts, parts, parts... Tubes, caps, resistors, pots, wire, you name it is probably there.

And you are right -- it does have that electronic 'smell' -- its a great place -- even has one of those old 'lightning bolt' RCA Tubes sign out front.

Regards

Jack, W0YJ (Friend to all things Hammarlund)

-----  
Jack Harper  
303-277-1892

Bank Systems 2000, Inc.  
Golden, Colorado USA

"21st Century Financial Applications"  
Optical Cards for Bank, EBT, and Medical Applications  
Visit our Web Page: <http://www.bs2000.com/talos> (Last Update: 970902)  
-----

-----  
Date: Wed, 22 Oct 1997 11:19:43 -0400  
From: RSOLOMON@systems.TEXTRON.COM  
To: " (052)boatanchors(a)theporch.com" <boatanchors@theporch.com>  
Subject: AK0B Please send e-mail add.  
Message-ID: <00341000012871670000002L072\*@MHS>

Sorry guys, my mailer does not give your e-mail address, only  
B/A address, corporate did this.  
Need to chat with you (AK0B) about B&W 370.

-----  
Date: Wed, 22 Oct 97 11:49:33 EDT  
From: w2ec@vnet.IBM.COM  
To: boatanchors@sco.theporch.com  
Subject: RE: Best all around BA SSB Rcvr/Xmtr, Kevin Gallagher where are you?  
Message-ID: <199710221557.KAA24828@sco.theporch.com>

Kevin, I've been trying to e-mail you direct: wire2liv@gomontana.com  
but I keep getting rejected as host "gomontana.com" unknown.

Would you please e-mail me again with your phone number so I can call you.

Thanks & 73, Ray W2EC

-----  
Date: Wed, 22 Oct 97 11:15:00 CDT  
From: listown@jackatak.theporch.com (Mail List Owner)  
To: boatanchors@sco.theporch.com  
Subject: ADMINISTRIVIA: Over Quoting  
Message-ID: <199710221615.LAA29318@jackatak.theporch.com>

Gang-

Please accept this periodic posting as a gentle nudge and suggestion  
intended to improve the quality of posts to the BoatAnchors list, and  
as an effort to maintain our excellent (and high) signal to noise  
ratio...

The list culture is to include only those portions of a prior post  
that are required to maintain the context of your comments. We have  
always tried to reduce the amount of "chaf" on the list, and this  
is one way.

In private mail between you, a subscriber, and me,, as list manager, I really don't care one way or the other, but when posting to the list, there are at least two issues of concern:  
one, the increased bandwidth from including extra text.  
With the trial subscriptions and full members, the number of copies of each post mailed out change the impact of each extra word so that each single character becomes 1KB of mail!  
second, when not editing out included text, it sends a not too subtle message to the list, that the poster considers his/her own time to be more valuable than the collective time and energy of the 600-700 readers on the list... not exactly a "positive" message! ;^)

Treat the list as a symposium. In such an environment, with 600 others attending who have paid to be there, it is unlikely you would repeat someone else's portion of a conversation in its entirety as part of your own remarks... it would become very tedious, very quickly, if you did... especially if you repeated even the closing signature block of the previous message.

Thanks for your understanding and help in making the boatanchors list have the highest signal to noise on the InterNet.

--

73

Jack, W4KH/Mobile - - - BoatAnchor Mailing List Owner - - -  
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

-----

Date: Wed, 22 Oct 1997 17:09:51 +0000  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: rdkeys@csemail.cropsci.ncsu.edu, boatanchors@theporch.com,  
glowbugs@www.atl.org  
Subject: Re: Anyone around for 3579 tonite?  
Message-ID: <19971022170948.AAA12402@LOCALNAME>

At 03:27 PM 10/22/97 +0000, you wrote:

>I will bite the ol' leaden bullete betwixt de ol' choppers an' offer to  
>be on the BA/GB QRG 3579 QTR 0000/0100/0200/0300/0400/0500Z tonite an see  
>if anyone can hear Ol' Grandma Hartley. I will lean on the dial a tad  
>to slip a few hundred cycles low to get out from the tv hash. Mebbies  
>me gets lucky, tonite, mebbie..... 73/ZUT DE NA4G/Bob UP  
>  
>Thought.... ifs me beats Grandma Hartley around 700 cycles low against  
>da tv hash, wilst she sound like an ol' sparker on a fine  
>carborundum crystal set????? (:+{}...  
>  
>

I'll listen up a little later tonight. Remember that STANDARD time is coming!

80 will improve more once we get rid of this Daylight time nonsense.

I agree we should maybe try 3679.0 and tune up for the rock bound folk who can't move the 1/2 khz.

If anyone hears me battling the breeze with my neighbor, K1DW about 50 miles away, don't hesitate to "break" in!

Dallas, K1DW and I had dinner/reunion with some of our mentors who are really in the "olde phart club". When he settles in his house in Folsom, LA (he moved from Hartford, CT!), he plans some awesome antennas on his 5+ acres.

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

\*\*860 Hartley 'ECO' under construction\*\*\*\*

-----

Date: Wed, 22 Oct 1997 12:17:17 -0500

From: rlahlum@juno.com (Ross J Lahlum)

To: boatanchors@theporch.com

Subject: RAO Manuals

Message-ID: <19971022.121718.20718.0.rlahlum@juno.com>

Sorry to take the bandwidth, but I am trying to reach William Donzelli to ask about RAO Manual copies (need one for that old RAO-3). Lost the original posting. Thanks...

Ross Lahlum

rlahlum@juno.com

-----

Date: Wed, 22 Oct 1997 13:17:30 -0400

From: RSOLOMON@systems.TEXTRON.COM

To: " (052)boatanchors(a)sco.theporch.com"

<boatanchors@sco.theporch.com>

Subject: FS: Radio Handbooks (West Coast Version)

Message-ID: <00341000012881530000002L032\*@MHS>

I started collecting these years ago and have not done anything with them in years so time to pass them on to more interested parties:

1. October 1938 (First Printing), 5th Edition, Soft Cover.  
Binding in excellent condition, very clean inside, covers show some sign of wear (after 59 years !!).
2. October 1939 (First Printing), 6th Edition, Soft Cover.  
Same condition as #1, slight sign of wear at top of cover.
3. October 1940 (First Printing), 7th Edition, Hard Cover.  
First Editors & Engineers issue, inside very clean, Binding a little loose inside front.
4. October 1941 (First Printing), 8th Edition, Hard Cover.  
Inside very clean, Binding a little loose, covers stained.
5. 1942 (Second Printing), 9th Edition, Hard Cover. Very clean inside, Binding solid, Blue covers faded (Sun).
6. 1946, 10th Edition, Printed on two kinds of paper (?), Very clean, excellent condition.
7. 1947, 11th Edition, First with some ad's in color, very clean.
8. 1949, 12th Edition Slight scuff on front cover, o/w exc. condx.
9. 1951, 13th Edition, Virtually Mint Condition.
10. 1956, 14th Edition, Owner stamp inside, some slight water stain on spine, o/w mint condition.
11. 1959, 15th Edition, Binder in very good condx, slight pucker at top of spine.
12. 1962, 16th Edition, The first one I bought new. Wrote my name on inside, binder shows few small stains.

Prices are my guess as I really haven't seen many (none) on the market (How's that for honesty!!).

#1 thru #6 \$35 each, #7 thru #10 \$30 each, #11 & #12 \$25 each  
Price includes shipping in CONUS.

73, Dick, W1KSZ

-----

Date: Wed, 22 Oct 1997 10:34:32 -0700  
From: "Grump's Guide Press" <rau@wco.com>  
To: "boatanchors" <boatanchors@theporch.com>  
Subject: Amperex/Eimac 4-250 differences ?  
Message-ID: <199710221734.KAA29088@shell.wco.com>

I am told that the amperex 6156/4-250 is significantly more efficient in the globe king 500 and 500 B than the eimac version. ( we are talking about 100 watts more output with the amperex, folks)

Has anybody got both manufacturers tube data sheets so I can compare ?

I am guessing there must be some difference in either the grid bias requirements or the screen voltage requirements of the eimac and amperex tubes which accounts for this startling difference in efficiency.

Since the Eimacs are what seem to be around now, it would be nice to optimize the globe king if eimacs are what you have.

Reports are that 4-400's are playing about the same as eimac 4-250 but running with no color.

Data or Ideas ?

Larry Rau W6WUH  
Occidental California

-----

Date: Wed, 22 Oct 1997 13:56:01 -0400  
From: BEN NOCK <G4BXD@compuserve.com>  
To: Multiple recipients of 1 <boatanchors@sco.theporch.com>  
Subject: Command set racks  
Message-ID: <199710221356\_MC2-24CA-3047@compuserve.com>

Hi all. I'm looking for the racks that the command sets sits in, either a 2 or 3 set rx version and a similar one for the tx's. =

Decided a good winter project will be to get some of =

mine operational. Did they ever mod any of the tx's to match the 28-41 Mhz rx's ? or was another tx used ?

So, if anyone can help with a rack, do get in touch.

cheers, Ben G4BXD.

MILITARY WIRELESS IN THE MIDLANDS MUSEUM

-----  
Date: Wed, 22 Oct 1997 12:05:03 -0600  
From: Dexter Francis <cwest@xmission.com>  
To: boatanchors@theporch.com  
Subject: Re: BA Calenders & Movie sightings  
Message-ID: <344E404C.65C3@xmission.com>

BA Calender -

With easy access to high quality color printers, how about a print it yourself BA calender? Maybe you could put a picture of your YL/XYL/OL on one page, so as to have something to flip to quickly when she wanders into the shack?

-df

BTW- There are some BA'S seen in Phenomenon.

-----  
Visit our Web site at <http://www.xmission.com/~cwest/>  
e-mail to: tubes@usa.net -or- cwest@xmission.com  
(P.O. Box 22443, Salt Lake City, Utah 84122)

-----  
Date: Wed, 22 Oct 1997 14:29:22 -0400  
From: John Russo <jprusso@acsu.buffalo.edu>  
To: boatanchors@theporch.com  
Subject: Drake R4B question -- R390A connectors  
Message-ID: <344E4601.AE5219C5@acsu.buffalo.edu>

I recently purchased a Drake R4B receiver and I noticed there is a 1/4 inch phones jack on the front panel similar to the jack found on the R4C receiver. My 4B manual does not show this jack in the photo, did the factory add this or did a previous owner or is the 4B manual wrong ?? I have seen other 4B receivers with the same front jack ?

I have an R-390A which has a small 2 conductor connector on the rear for the audio out to the speaker, where can I purchase the mate - Fair Radio is all out.

This same R-390A uses a 3 conductor connector for power input, where can I find the mate to this one ?? again Fair Radio has none.

Thanks, John Russo KF2JQ



-----  
Date: Wed, 22 Oct 1997 15:13:53 -0400  
From: RSOLOMON@systems.TEXTRON.COM  
To: " (052)boatanchors(a)theporch.com" <boatanchors@theporch.com>  
Subject: MS Connector Source  
Message-ID: <00341000012890840000002L042\*@MHS>

Looking for the mate to those Amphenol or Bendix MS connectors  
found on MIL B/A's ?? Try this source:

William A. Perry  
92 Beechwood Road (Rear)  
Louisville, KY, 40207  
502-893-8724

Had my SP-600 Power connector in stock.

No financial connection, just satisfied.

73, Dick, W1KSZ

-----  
Date: Wed, 22 Oct 1997 05:51:52 -0400  
From: Ed Sieb <esieb@gmsiworld.com>  
To: Old Tube Radios <boatanchors@theporch.com>,  
"Grump's Guide Press"  
Subject: RE: Amperex/Eimac 4-250 differences ?  
Message-ID: <01BCDEAE.99B54200@dstephen.gmsiworld.com>

I have several Amperex 6156/4-400's and the main difference (visually) =  
is the thicker, cylindrical plate they possess. The plate looks like a =  
1/4" thick graphite cylinder. I have been told by some that in fact the =  
plate dissipation is supposed to be closer to 500 watts, though I have =  
no real proof of this. The plate caps are an integral piece of the =  
internal anode componenture with the connecting point being the right =  
size for the standard anode connector. Mine are made in France.

73, de Ed VA3ES/VE2BAQ (that's Boat Anchor Quality)

~~~~~  
Ed Sieb, VA3ES esieb@gmsiworld.com  
P. O. Box 8377, Ottawa Terminal, Ottawa, Ontario, K1G 3H8  
613-738-8924 (H) 613-599-5161 (W)=09  
AMI #529 Canadian Division Director.

Member - Radio Club of America, QCWA, AWA  
Net Manager - Canadian Boat Anchor Net (3745 Kcs)

-----  
Date: Wed, 22 Oct 1997 06:21:42 -0400  
From: Ed Sieb <esieb@gmsiworld.com>  
To: "'BoatAnchors'" <boatanchors@sco.theporch.com>,  
      "'Grump's Guide Press'"  
Subject: RE: Amperex/Eimac 4-250 differences ?: Ooops...  
Message-ID: <01BCDEB2.C49D0120@dstephen.gmsiworld.com>

Hmmm... for some unknown reason, I accidentally miss-read 4-400 for =  
4-250, and proceeded to wax elephants, er eloquent on 4-400's. No =  
matter. I still meant what I said. Unfortunately, I \_don't\_ have any =  
Amperex 4-250's.

Oh well... I 'spose I should go wipe my eye-glasses.

Ed (The 4-400 Boy)

-----  
Date: Wed, 22 Oct 1997 20:51:58 +0000  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: BASWAPLIST@FOOTHILL.NET, boatanchors@theporch.com, glowbugs@www.atl.org  
Subject: FS: National SW-54  
Message-ID: <19971022205156.AAA13685@LOCALNAME>

I have an SW-54, working, re-capped, with original knobs, but  
rather ratty looking. (Needs a paint job!) The "National" logo is  
missing. Sell for \$25 plus shipping/packing.

73,  
E. V. Sandy Blaize, W5TVW  
"Boat Anchors collected, restored, repaired, traded and used!"  
417 Ridgewood Drive  
Metairie, LA., 70001

\*\*860 Hartley 'ECO' under construction\*\*\*\*

-----  
Date: Wed, 22 Oct 1997 16:59:52 -0400 (EDT)  
From: "David L. Thompson" <thompson@mindspring.com>  
To: boatanchors@sco.theporch.com  
Subject: Re: Comdel Processor Info  
Message-ID: <1.5.4.16.19971022170004.2e374874@pop.mindspring.com>

At 09:27 PM 10/19/97 -0400, Witmerjr@aol.com wrote:

>  
>If its the same "Comdel" I remember, it is actually an RF (Around 16Khz)  
>speech processor that takes in audio, converts it to "RF", processes it,  
>filters it and demodulates/lowpasses it to audio which is whats available  
at >the output of the unit.  
>  
>I requires 8 - 9 volts at I believe around 10 ma?  
>

The Comdel CSP-11 Speech processor was reviewed in QST on page 46-47 of the March 1967 QST. While not actually an RF processor like the Magnum 6 designed to fit the Drake or Collins, it is a very effective processor as its does balance modulate the audio at 16 Kc re-process it back thru a limiting amp (at USB) and thru low pass filters to shape the audio to voice frequencies. This cuts down distortion while getting rid of the hang delay in AGC compressor systems. The voltage is 9 to 12Vdc @18ma. You can use the aux 12V from a Dc supply (I do this to light my watt meter and Ten Tec antenna tuner) or you can get an inexpensive 12Vdc adaptor to run the unit.

The VOMAX SBP-3 split band processor (later sold by ET0/Alpha) is another non-RF processor that is even more complex than the Comdel. Both are excellent for the BA transmitter on either AM or SSB. These are for communications quality NOT high Fi audio!!!!

The secret is to get all you voice power in 200 to 3000 cps while disposing of the hash from the mic and audio circuit. The power from the BA and perhaps amp stays on the freq not spread elsewhere (wasteful, too).

Both the Comdel and the VOMAX are now scarce and command more \$\$ than 5 or 6 years ago.

The units work best with a mic such as the Shure 444 and work well with the D-104 types, too. I use a Heil HC-4 or 5 element mic too altho the HC-4 is already very sharp. Older mics probably need a equalizer if they are broader than 200 to 8000 cps.

Dave K4JRB

-----  
Date: Wed, 22 Oct 1997 21:13:50 +0000  
From: Sandy W5TVW <ebjr@worldnet.att.net>  
To: rau@wco.com, boatanchors@theporch.com  
Subject: Re: Amperex/Eimac 4-250 differences ?  
Message-ID: <19971022211346.AAB2177@LOCALNAME>

At 05:34 PM 10/22/97 +0000, you wrote:

>I am told that the amperex 6156/4-250 is significantly more efficient in  
>the globe king 500 and 500 B than the eimac version. ( we are talking  
>about 100 watts more output with the amperex, folks)  
>  
>Has anybody got both manufacturers tube data sheets so I can compare ?  
>  
> I am guessing there must be some difference in either the grid bias  
>requirements or the screen voltage requirements of the eimac and amperex  
>tubes which accounts for this startling difference in efficiency.  
>  
>Since the Eimacs are what seem to be around now, it would be nice to  
>optimize the globe king if eimacs are what you have.  
>  
>Reports are that 4-400's are playing about the same as eimac 4-250 but  
>running with no color.  
>  
>Data or Ideas ?  
>  
>Larry Rau W6WUH  
>Occidental California  
>

I had one of these in my Viking 500 (the Amperex graphite anode 4-250).  
I'm presently using a 4-400B. I've also tried a 4-400C and the graphite  
anode version of the 4-400. There is very little difference in output with  
either tube! They have 2 kv. on the plate of the tube. At 500-600 watts  
input Class "C", this tube is just loafing along! I would be very hard to  
blow one in the Viking 500!

73,

E. V. Sandy Blaize, W5TVW

"Boat Anchors collected, restored, repaired, traded and used!"

417 Ridgewood Drive

Metairie, LA., 70001

\*\*860 Hartley 'ECO' under construction\*\*\*\*

-----  
Date: Wed, 22 Oct 1997 16:28:02 +0000  
From: "Lawrence R. Ware" <lrware@pipeline.com>  
To: boatanchors@sco.theporch.com  
Subject: National HRO-M resurrection part 5 (a sad tale)  
Message-ID: <3.0.32.19971022162754.006de004@pop.pipeline.com>

O Woe is me... Even worse, Woe is my poor HRO-M. :-(

Good afternoon folks:

The HRO-M project both turns sad, and takes a short hiatus today...

In spite of careful precautions concerning my doghouse power supply that included: Three wire power cord, in line fuse, inrush limiter, and heat shield... My main transformer developed a short today... :-( I had the radio running for about two hours burning in all the replaced components, before a final alinement. I even had a shelve ready for it in my National rack #2.... Was going to join its cousins sitting right above my HRO-60. <sigh>

This is the potted in tar HV transformer that you can't get to...  
<sob, wimper, cry!>

Until I can figure out some way to repair the poor old thing, it looks like my next step is going to be a new home-brew replacement for the doghouse supply....

Maybe I should sell it cheap to Al Fritsche... :-)

Well the next installment of this tear jerker of a saga will have to wait until I get back from Denver and build a new power supply. Once I complete the radio, I'll get back to the doghouse supply. Perhaps I'll melt the tar out of it and replace both the HV transformer and main choke with something designed to sit in air while they work... Will not be original/correct inside anymore but the transformer ought to run a lot cooler without all that tar around it...

-Larry Ware  
lrware@pipeline.com  
Orlando, Florida

-----  
End of BOATANCHORS Digest 1738

\*\*\*\*\*